

FIG. 1

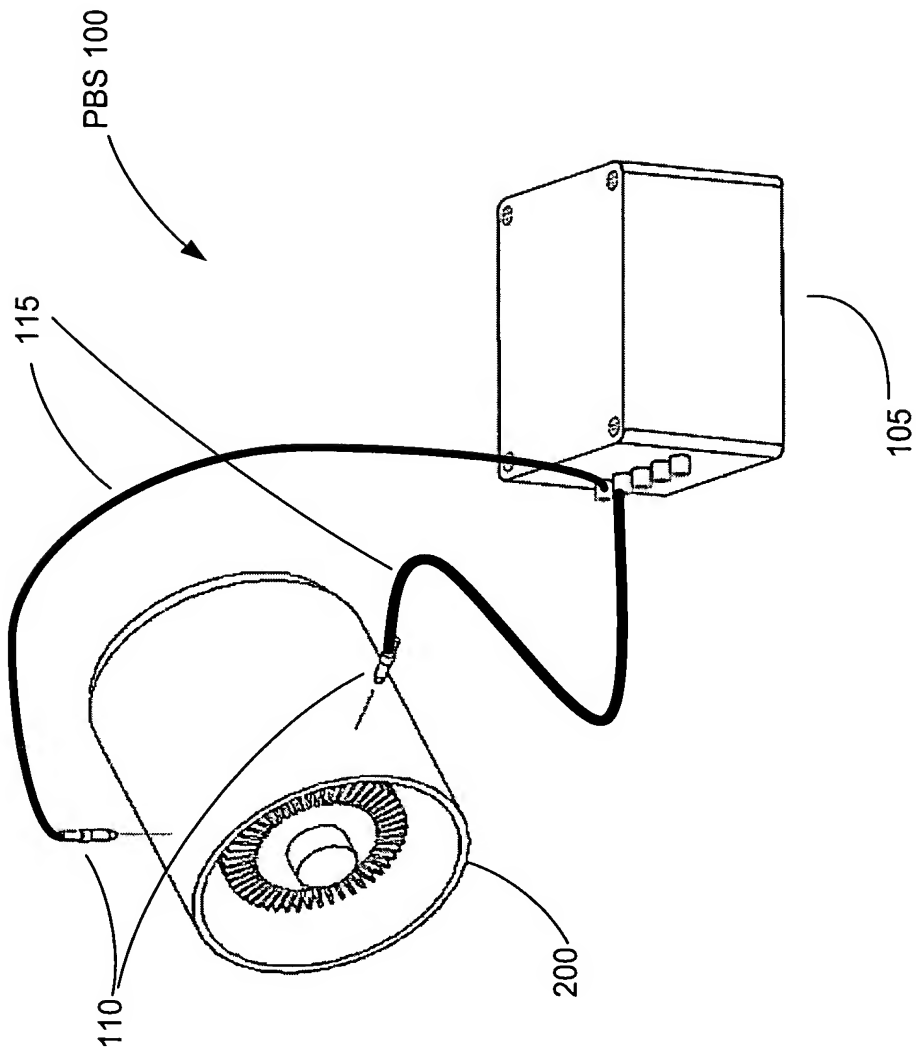
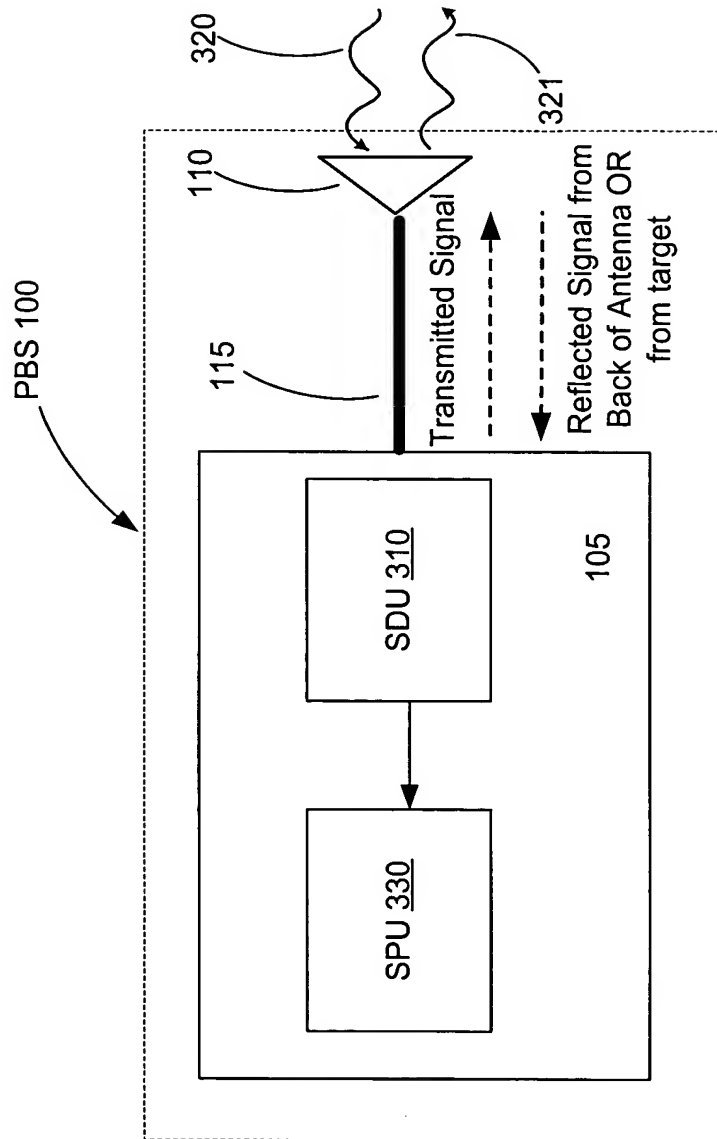


FIG. 2

**FIG. 3**

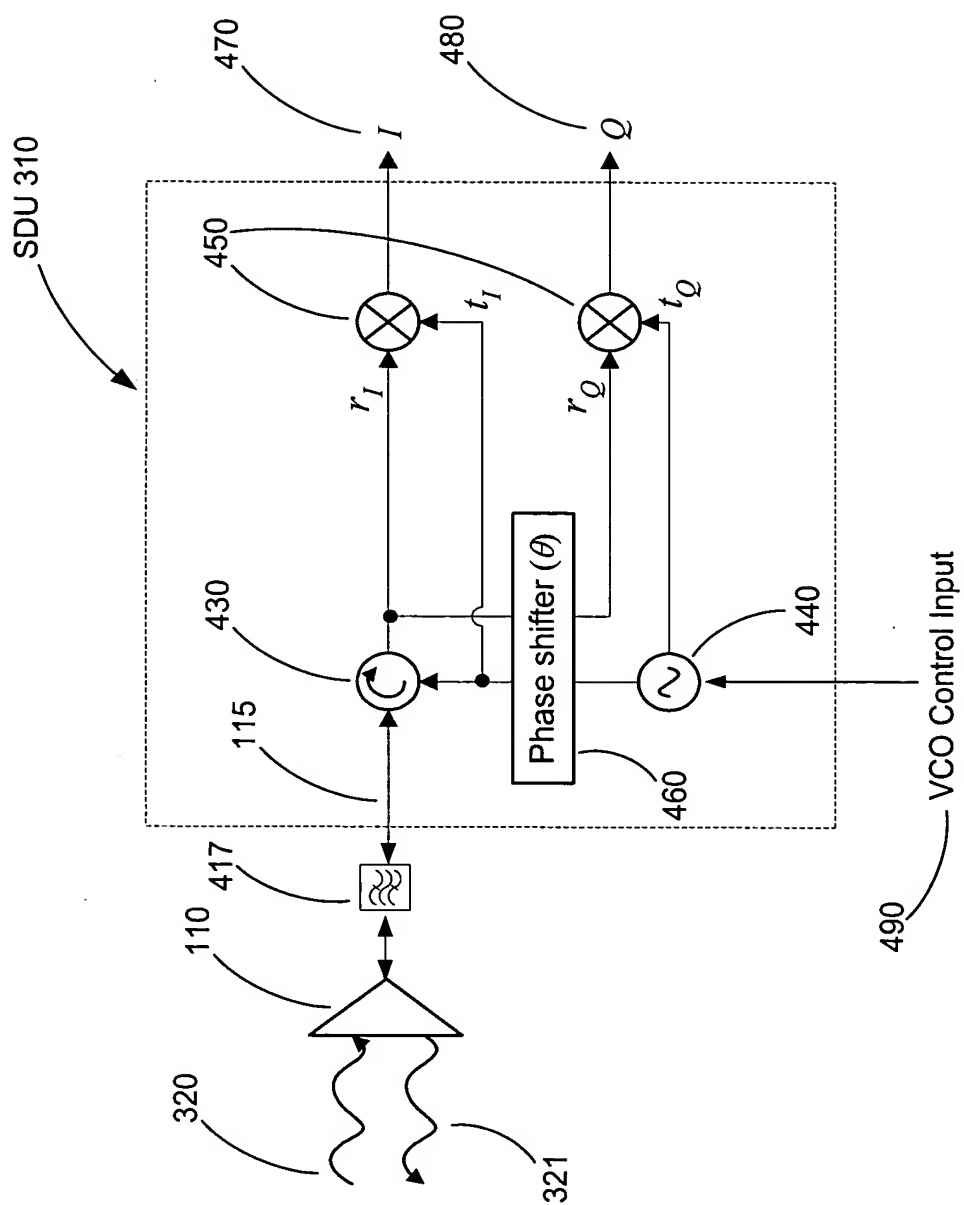


FIG. 4

For Calibration of Cable (Reflection off of Antenna) - Use Narrowband Antenna Response and Sweep VCO Out of Band

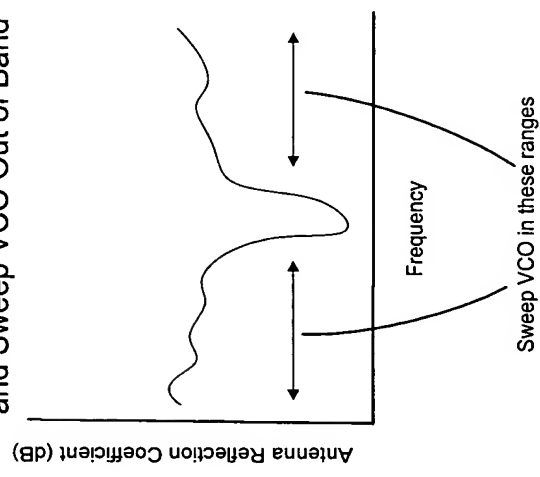


FIG. 5A

For Calibration to Target - Use Wideband Antenna Response and Sweep VCO in-band

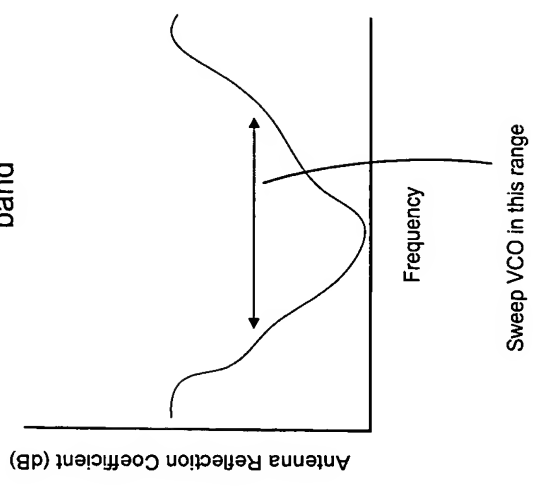
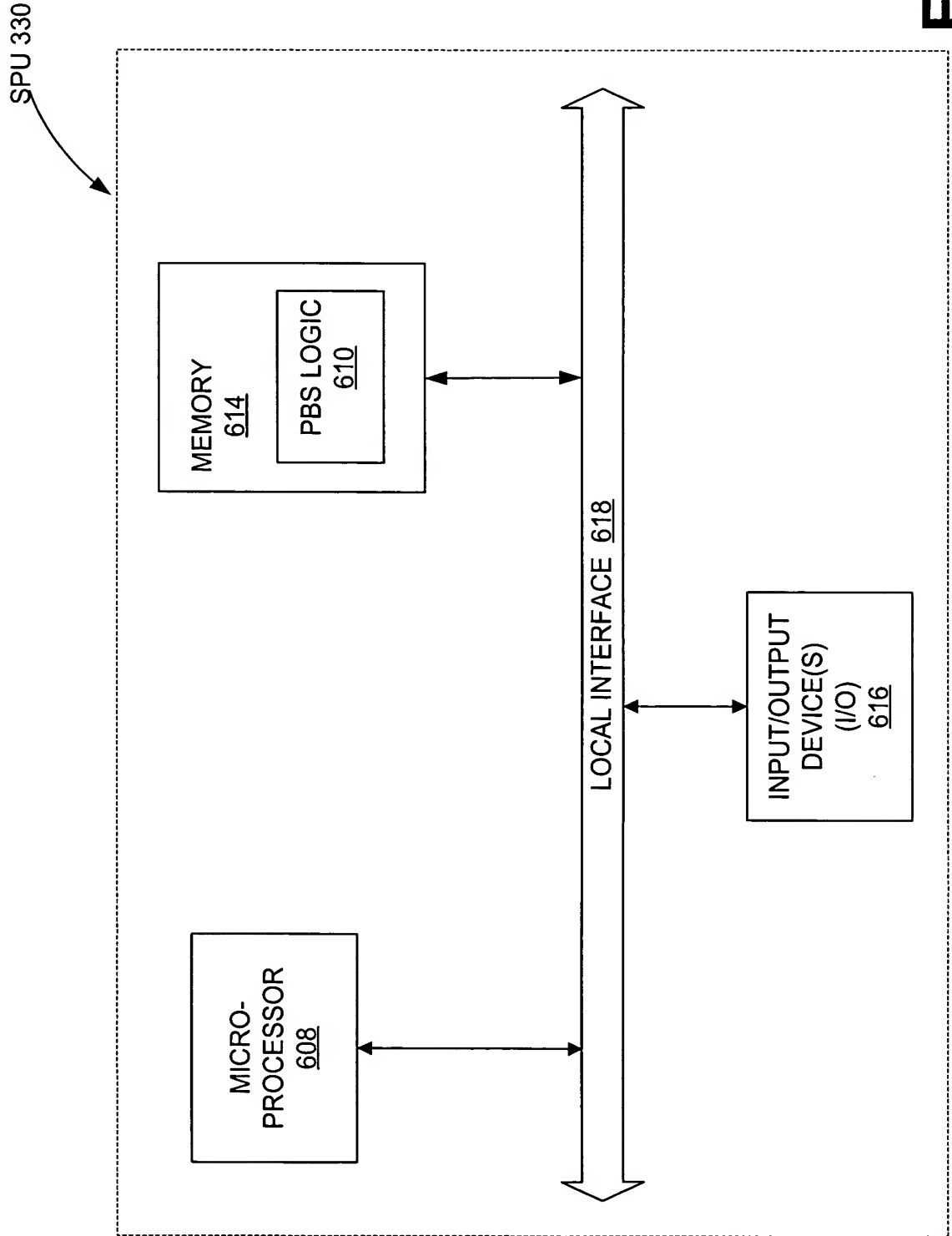
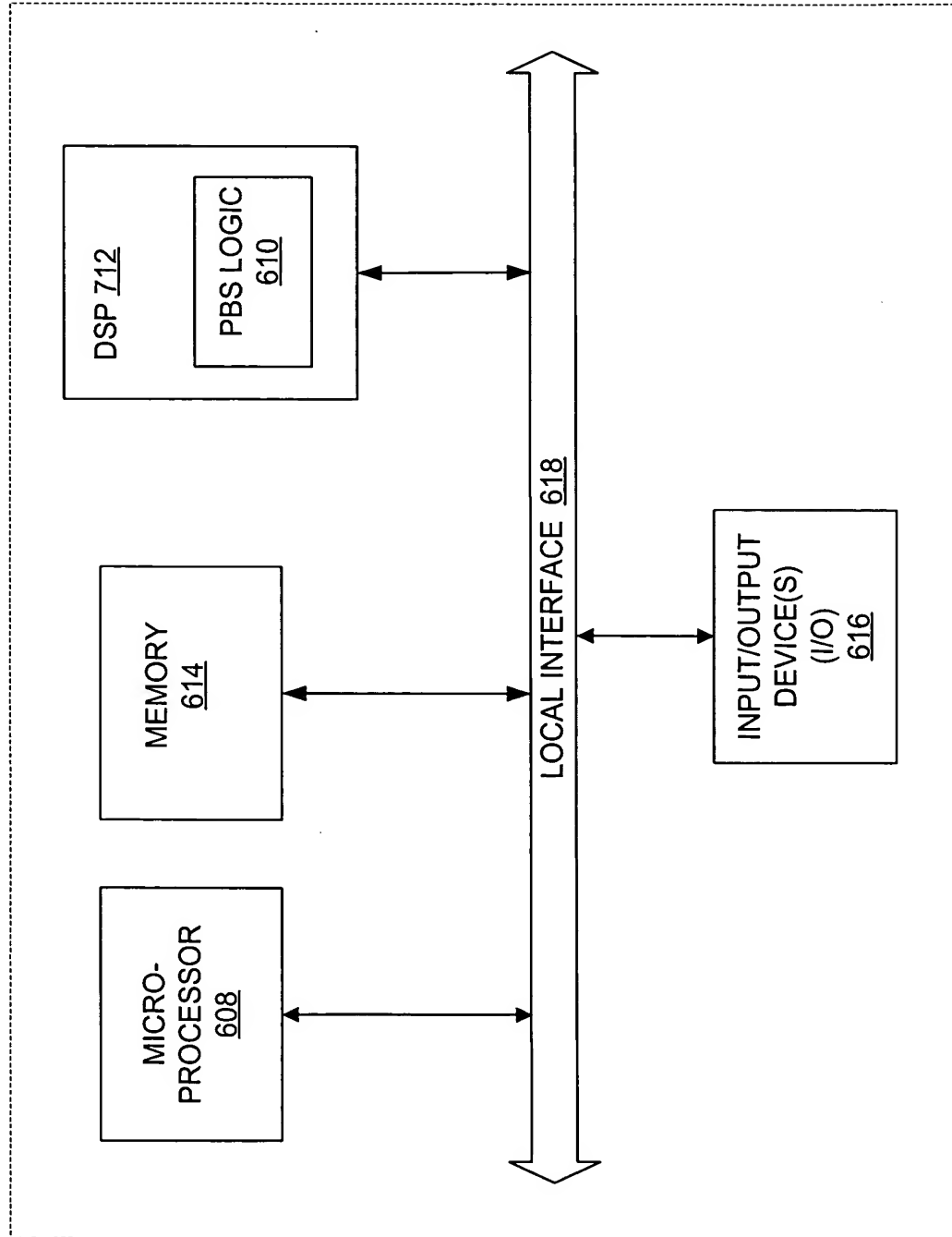
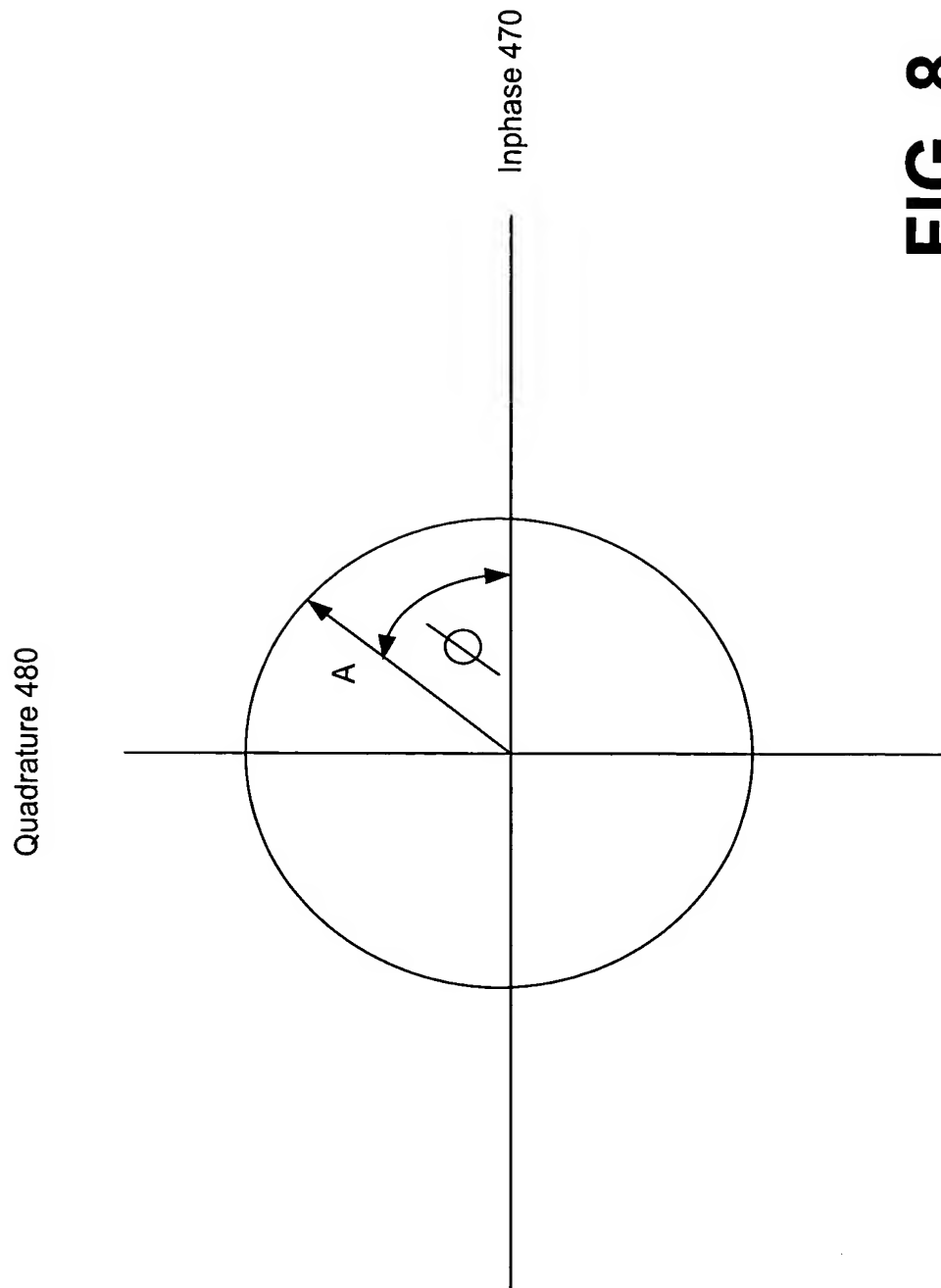


FIG. 5B

**FIG. 6**

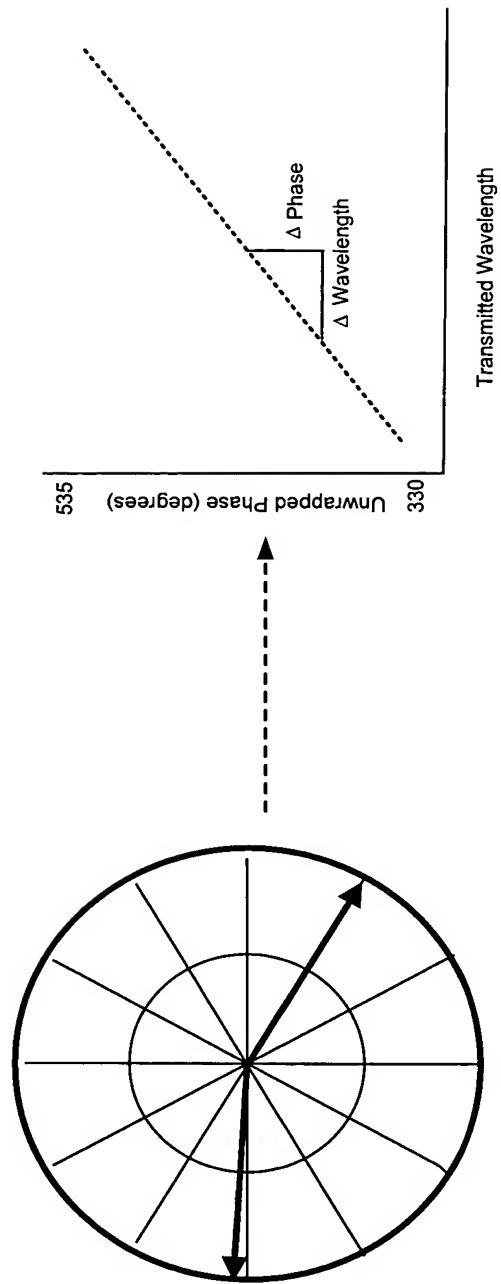
SPU 330

**FIG. 7**



**FIG. 8**





9/15

FIG. 9

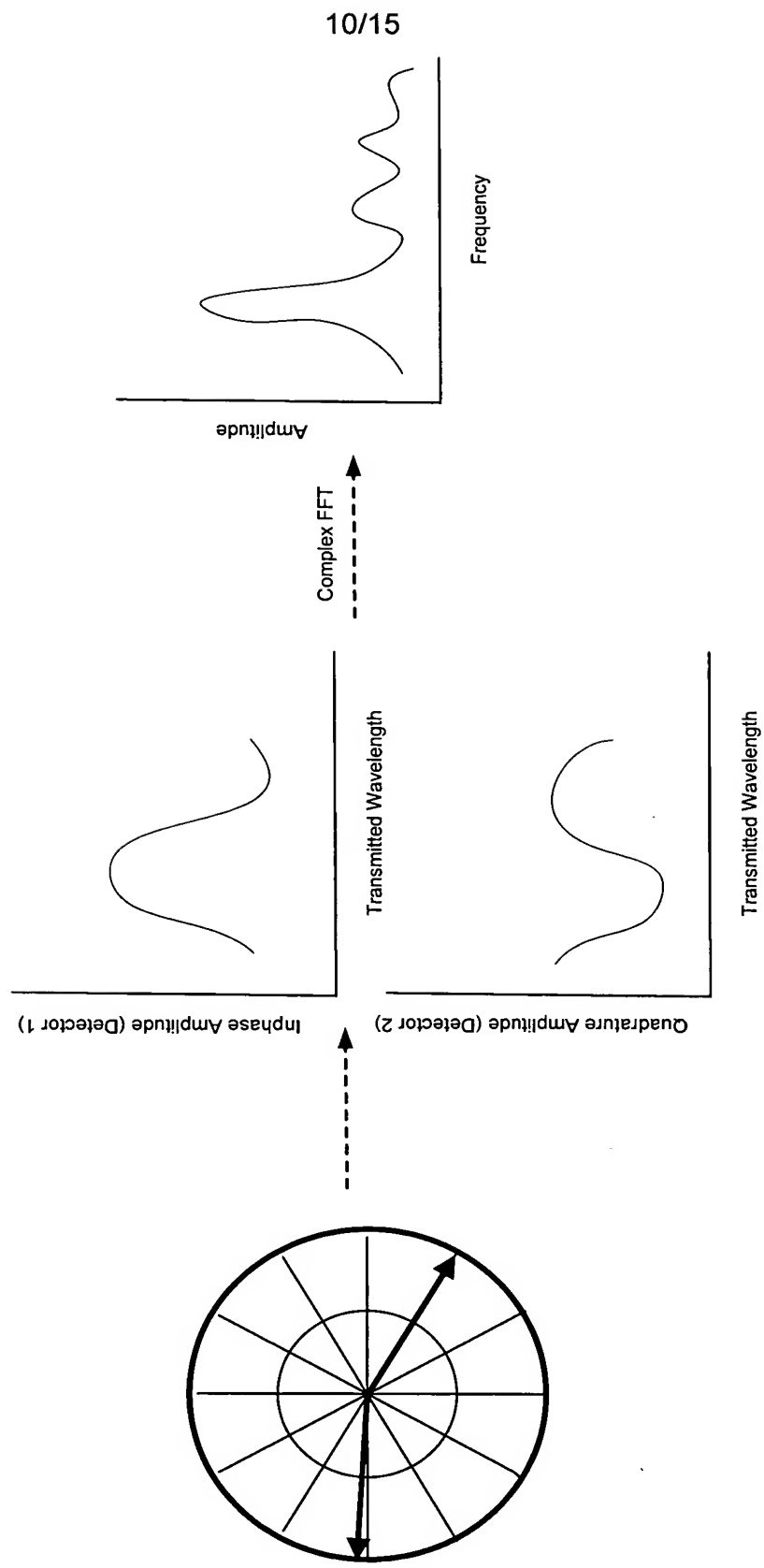
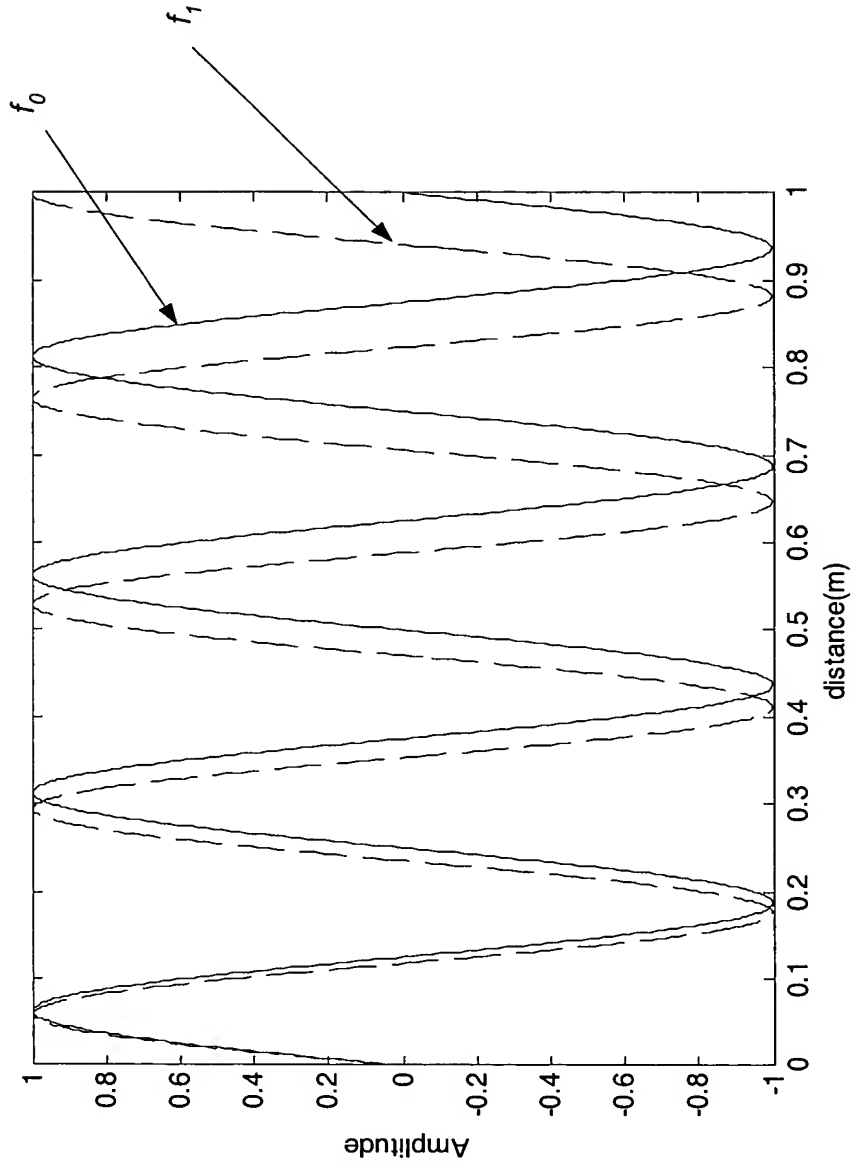


FIG. 10

**FIG. 11**

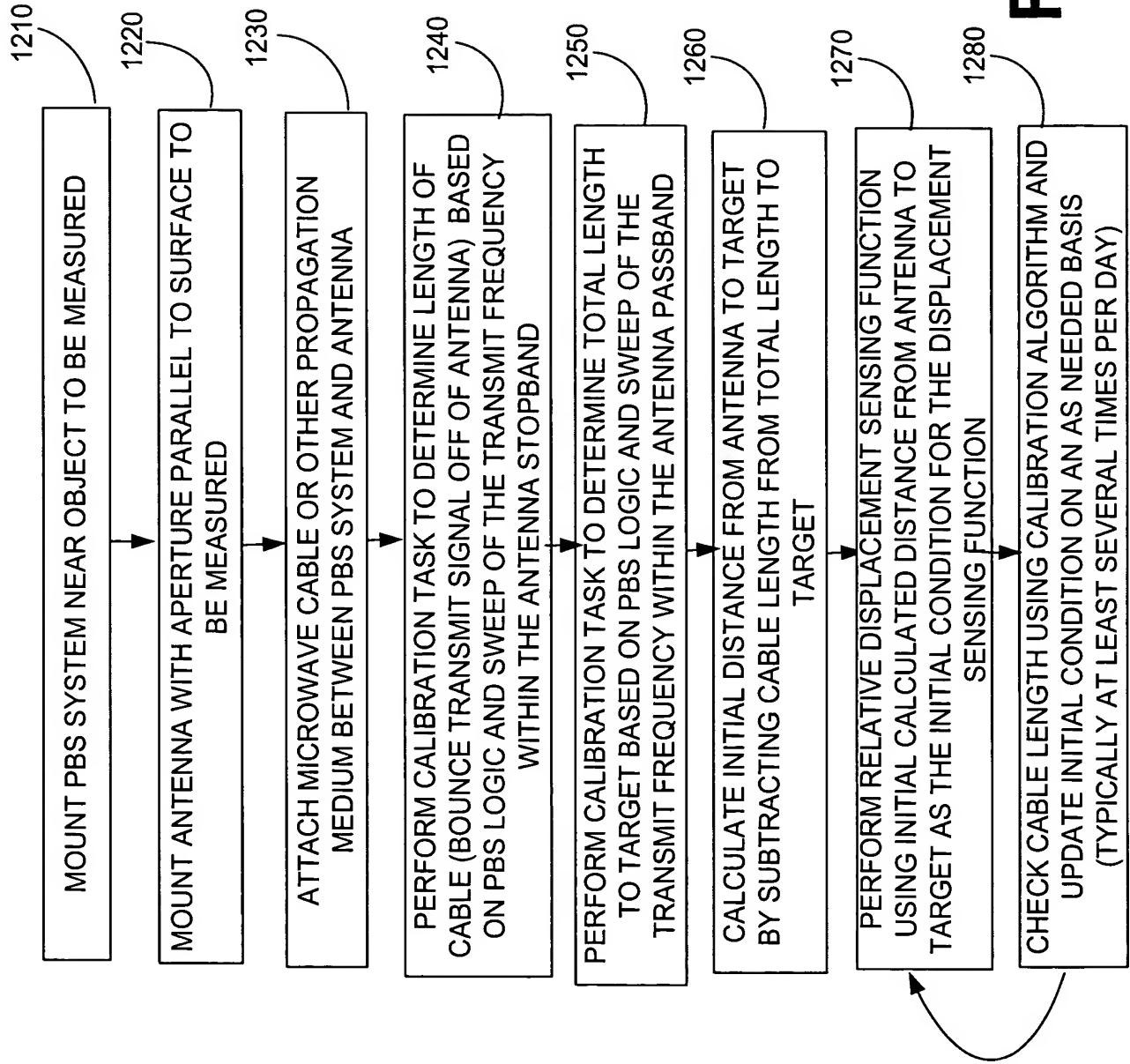
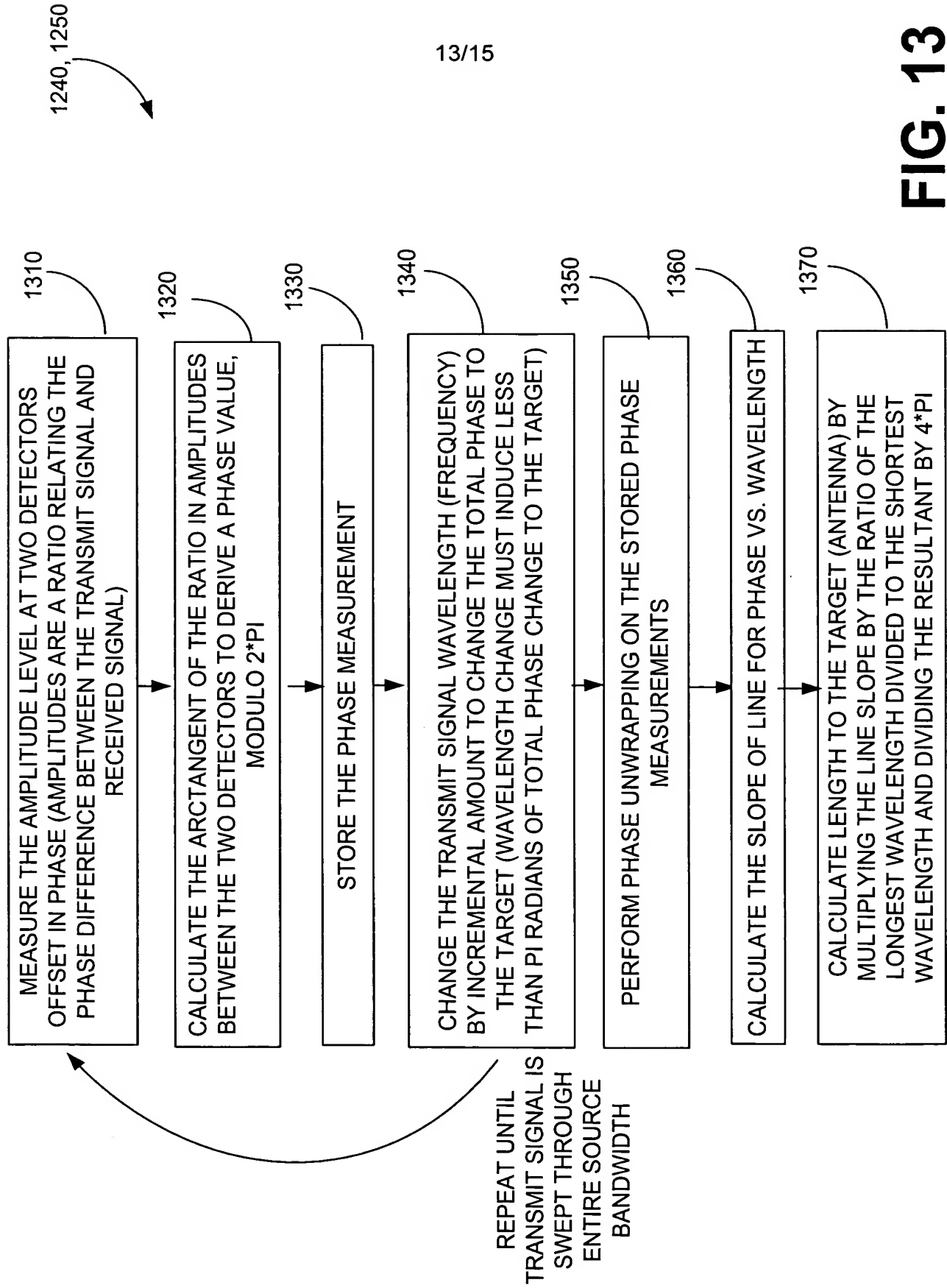
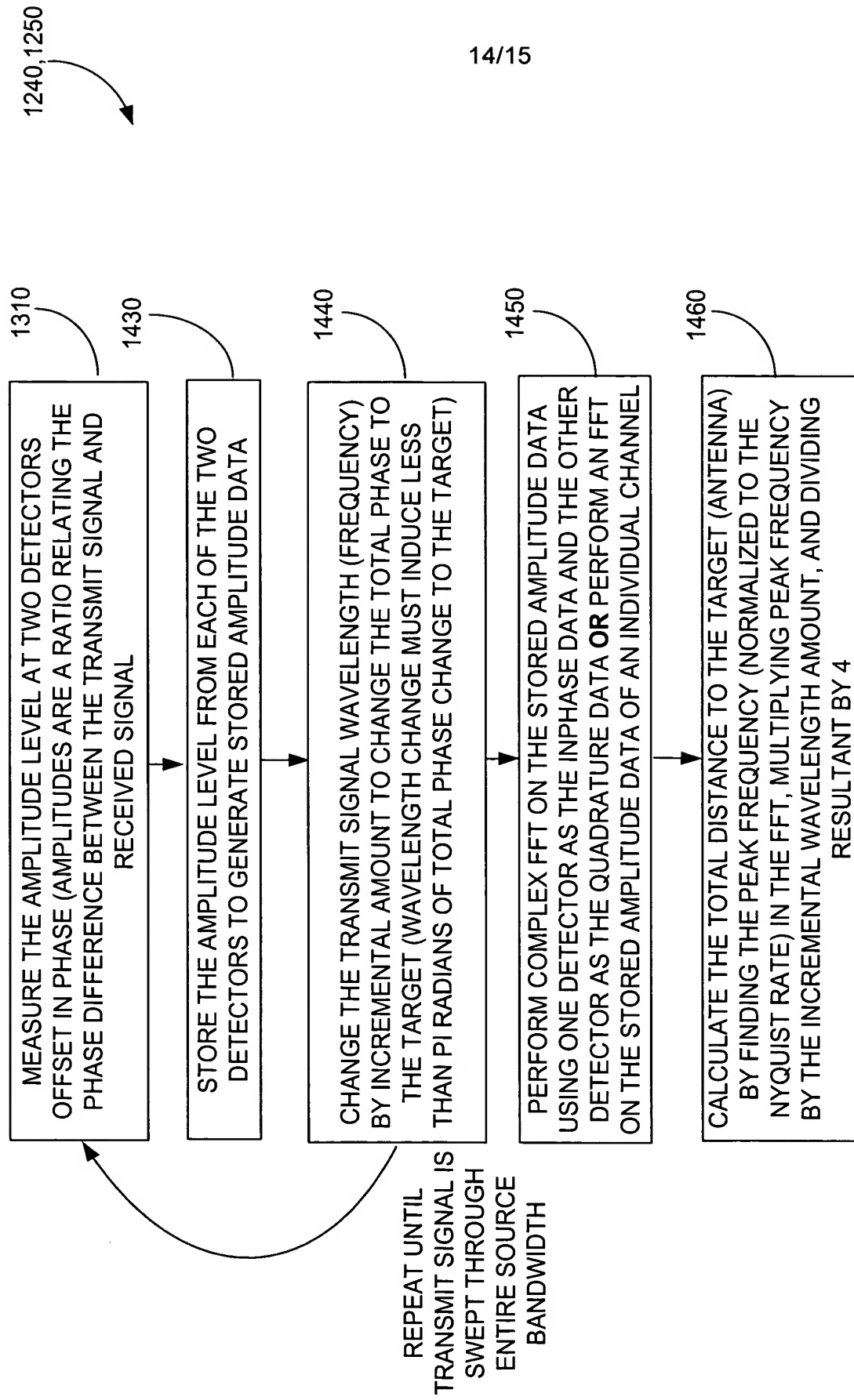


FIG. 12



**FIG. 13**



1270

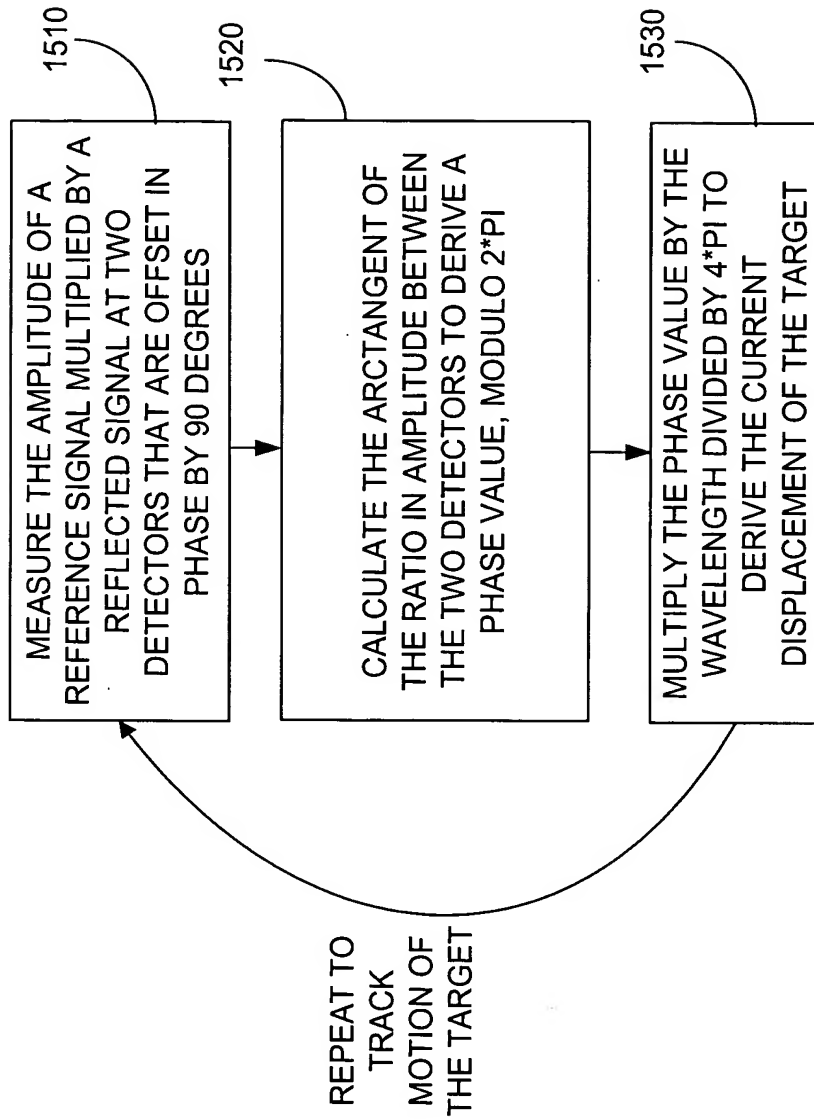


FIG. 15